Philips 5000 LED series LCD TV with Pixel Plus HD

40"

Full HD 1080p digital TV

40PFL5605H

Entertainment comes to life

with brilliant LED picture performance

Live the moment as if you were there with Pixel Plus HD and an impressive invisible sound.

Your entertainment in brilliant detail

- Full HD TV with Pixel Plus HD for better details and clarity
- Brilliant LED images with low power consumption
- 100Hz LCD, 2ms performance for superb motion sharpness
- HD Natural Motion for ultra smooth motion in Full HD movies

Rich and clear sound.

- 2.1 system for 40W surround sound (2x10W plus virtual 20W)*
- Hear every word with Clear Sound

Complete digital connectivity made simple

- Seamless connectivity with 3 HDMI inputs and Easylink
- USB for fantastic multimedia playback
- Integrated MPEG-4 tuner for HD reception without set top box

Greener every day

- LED is up to 40% more energy efficient than regular LCD TVs
- 0W Power Consumption when switch off

NL/22/001

PHILIPS

sense and simplicity

LCD TV with Pixel Plus HD
40" Full HD 1080p digital TV

40PFL5605H/12

Highlights

Pixel Plus HD
Pixel Plus HD offers the unique combination of ultimate sharpness, natural detail, vivid colors and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Artifacts and noise in all sources from multimedia to standard TV and also in highly compressed HD are detected and reduced ensuring that the picture is clear and razor sharp.

LED

LED lighting technology is the most advanced available. In this TV it combines an eyecatching minimalistic design with stunning image quality and on top the lowest power consumption in its category. An other environmental benefit is that LED lighting technology does not contain hazardous materials. With LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.

100Hz LCD, 2ms response time
100Hz LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 2 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

HD Natural Motion
Philips invented HD Natural Motion to minimize juddering effects that are visible with movie based picture content. The award winning algorithm estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD and Blu-ray Disc). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

2.1 sound system 40 W*
Virtual 2.1 speaker system for an incredible 40W sound (2x10W + 20W Virtual Power*). *This virtual 2.1 speaker system manages power intelligently to deliver twice the original power supplied and produces an excellent bass. Enjoy the purity and detailed sound with the additional dome tweeter which delivers uncompromised sound in a slim invisible speaker design.

3 HDMI inputs with Easylink
HDMI is a single cable to carry both picture and audio signals from your devices to your TV, saving you from cable clutter. It carries uncompressed signals, ensuring that you have the highest quality from source to screen. Together with Philips Easylink, you need only one remote control to perform most operations on your TV, DVD, BluRay, set top box or home theatre system. Enjoy high quality picture and sound without clutter or fuss.

USB (multimedia)
The USB connector allows access to jpeg photos, mp3 music and video files of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your videos, photos and music.

Integrated DVB tuner MPEG-4
The integrated digital tuner lets you receive digital cable and terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

Energy efficient LED
Up to 40% more energy efficient than conventional flat TVs. Using the latest LED backlight technology, LED-backlit TVs are considered a more sustainable choice, with a longer life and far lower energy consumption than plasmas and conventional LCD TVs. Unlike CCFL backlights, LEDs do not use mercury in their manufacture. In addition, Philips TV designs have improved generation after generation resulting in an increase in material efficiency and a reduction in energy usage without compromising on safety and wellbeing. That's good news for you today - your children tomorrow.

Zero watt power consumption
Enjoy savings on your electricity bill by using the build-in power switch on this TV. This leads to no power consumption, without having to unplug the power cord from the wall.

Pixel Plus HD · 100Hz CLEARLCD 2 ms · HD Natural Motion · Full HD 1080p · 2x10RMS+20W 2.1 VIRTUAL · Clear Sound · DVB TIC TERRESTRIAL/CABLE · HDMI x3 with easyLINK · USB

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Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 450 cd/m²
- Dynamic screen contrast: 500,000:1
- Response time (typical): 2 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 40 inch / 102 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus HD, Active Control + Light sensor, Color Enhancement, 100Hz Clear LCD, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, MPEG artifact reduction, HD Natural Motion, LED backlight Display
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24, 25, 30, 50, 60Hz

Sound
- Output power (RMS): 20W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Treble and Bass Control, Clear Sound
- Sound System: Mono, Nicam Stereo, Stereo

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Connection Enhancement: Easy link
- Ease of Installation: Channel installation wizard, Settings assistant wizard, Device connection wizard, Auto detect Philips devices, Auto Program Naming, Autoinstall, Program Name, Sorting
- Ease of Use: Smart Picture, Smart Sound, Connectivity assistant, Demo mode, Onscreen Usermanual, EasyLink, One-stop Home button, Mozaïc channel grid, One-stop experience button
- Electronic Program Guide: Now + Next EPG*
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1000 page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: auto slideshow, USB autobreak-in, USB media browser

Multimedia Applications
- Multimedia connections: USB memory class device
- Picture Playback Formats: JPEG
- Music Playback Formats: MP3
- Video Playback Formats: Codec support:, H264/ MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *, DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2: YPbPr in, Audio L/R in
- HDMI 1: HDMI v1.4 (Audio Return Ch.)
- HDMI 2: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System info (menu language), Pixel Plus link, Remote control pass-through, System audio control, System standby
- Front / Side connections: HDMI v1.3, USB
- Other connections: Headphone out, PC Audio in, PC-In VGA, Common Interface Plus (CI+)
- Audio Output - Digital: Coaxial (cinch)

Power
- Ambient temperature: 5 °C to 35 °C
- Mains power: 220-240V~; 50-60Hz
- Power consumption (typical): 84 W
- Standby power consumption: < 0.15 W
- Power Saving Features: Light sensor, Eco mode

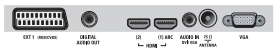
Dimensions
- Set dimensions (W x H x D): 977 x 605 x 86 mm
- Set dimensions with stand (W x H x D): 977 x 649 x 236 mm
- Weight incl. Packaging: 19.2 kg
- Product weight: 13.7 kg
- Product weight (+stand): 16.1 kg
- Box dimensions (W x H x D): 1149 x 689.5 x 197 mm
- VESA wall mount compatible: 200 x 200 mm

Accessories
- Included accessories: Table top stand, Quick start guide, Registration card, Warranty Leaflet, Remote Control, 2 x AAA Batteries, Safety/legal instructions, Software declaration

Rear connectors

Side

Rear bottom connectors



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* 8 days EPG, service not available in all countries
* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscripction are required. Contact your operator for more information.